File 344: Chinese Patents Abs g 1985-2003/Nov (c) 2003 European Patent Office File 347: JAPIO Oct 1976-2003/Aug (Updated 031202) (c) 2003 JPO & JAPIO File 350: Derwent WPIX 1963-2003/UD, UM &UP=200381 (c) 2003 Thomson Derwent ?ds Set Items Description S1 663 PERSONAL(3N) (AUTHENTICAT? OR AUTHORIZ? OR AUTHORIS?) S2 27660 (CREDIT OR DEBIT OR MEDICAL OR ID OR IDENTIFICATION? OR PR-EPAID OR CHARGE OR MEMBERSHIP?) (3N) (CARD OR CARDS) OR CHARGEC-ARD? OR CREDITCARD? s3 (BIOMETRIC? OR VOICEPRINT? OR FINGER() PRINT? OR HANDPRINT? OR PALMPRINT? OR IRIS OR PASSWORD?) (5N) (AUTHENTICAT? OR AUTHO-RIZ? OR AUTHORIS?) S4 (COLLATE? OR COLLATION? OR PERSONAL OR CHARGE OR CHARGES OR CHARGING? OR PURCHAS? OR USAGE) (1W) (HISTORY OR PROFILE?) S5 107505 INTERNET OR HOMEPAGE OR WEBPAGE? OR WEBSITE? OR (HOME OR W-EB)()(SITE? OR PAGE?) OR (E OR ELECTRONIC)()MAIL? ? OR EMAIL? S6 2554 AU=(SAEKI, T? OR SAEKI T?) S7 70 S1 AND S2 S8 S7 AND S4 S9 16 S7 AND S5 S10 1 S9 AND IC=H04K S9 AND IC=(G06F OR H04L) S11 14 S12 13 S11 NOT S10 S13 62 S1 AND S3 S13 AND (S4 OR S5) S14 S14 NOT S12 S15 7 S15 AND IC=(H04K OR H04L OR G06F) S16 S17 1 S6 AND S1

File 348: EUROPEAN PATENTS 19 2003/Nov W05 (c) 2003 European Patent Office File 349:PCT FULLTEXT 1979-2002/UB=20031211,UT=20031204 (c) 2003 WIPO/Univentio ?ds Set Items Description 916 PERSONAL (3N) (AUTHENTICAT? OR AUTHORIZ? OR AUTHORIS?) S1 S2 19583 (CREDIT OR DEBIT OR MEDICAL OR ID OR IDENTIFICATION? OR PR-EPAID OR CHARGE OR MEMBERSHIP?) (3N) (CARD OR CARDS) OR CHARGEC-ARD? OR CREDITCARD? (BIOMETRIC? OR VOICEPRINT? OR FINGER()PRINT? OR HANDPRINT? S3 OR PALMPRINT? OR IRIS OR PASSWORD?) (5N) (AUTHENTICAT? OR AUTHO-RIZ? OR AUTHORIS?) (COLLATE? OR COLLATION? OR PERSONAL OR CHARGE OR CHARGES OR S4 CHARGING? OR PURCHAS? OR USAGE) (1W) (HISTORY OR PROFILE?) 79794 INTERNET OR HOMEPAGE OR WEBPAGE? OR WEBSITE? OR (HOME OR W-S5 EB)()(SITE? OR PAGE?) OR (E OR ELECTRONIC)()MAIL? ? OR EMAIL? S6 139 AU=(SAEKI, T? OR SAEKI T?) S7 145 S1(S)S2 S8 S7(S)S4 S9 33 S7(S)S5 S10 32 S9 NOT S8 22 S10 AND IC=(G06F OR H04L OR H04K) S11 S12 80 S1(5N)S3 S12(5N)(S4 OR S5) S13 2 S13 NOT S11 2 S14

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S6(S)S1

S15

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2:INSPEC 1969-2003/De
          (c) 2003 Institution of Electrical Engineers
      35:Dissertation Abs Online 1861-2003/Nov
File
          (c) 2003 ProQuest Info&Learning
      65:Inside Conferences 1993-2003/Dec W2
File
          (c) 2003 BLDSC all rts. reserv.
      99: Wilson Appl. Sci & Tech Abs 1983-2003/Nov
File
          (c) 2003 The HW Wilson Co.
File 233:Internet & Personal Comp. Abs. 1981-2003/Jul
          (c) 2003, EBSCO Pub.
File 583:Gale Group Globalbase (TM) 1986-2002/Dec 13
          (c) 2002 The Gale Group
File 474: New York Times Abs 1969-2003/Dec 17
          (c) 2003 The New York Times
File 475: Wall Street Journal Abs 1973-2003/Dec 17
          (c) 2003 The New York Times
File 256:SoftBase:Reviews, Companies&Prods. 82-2003/Nov
          (c) 2003 Info. Sources Inc
       8:Ei Compendex(R) 1970-2003/Dec W1
File
          (c) 2003 Elsevier Eng. Info. Inc.
      94:JICST-EPlus 1985-2003/Dec W2
File
          (c) 2003 Japan Science and Tech Corp(JST)
File
       6:NTIS 1964-2003/Dec W2
         (c) 2003 NTIS, Intl Cpyrght All Rights Res
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
      34:SciSearch(R) Cited Ref Sci 1990-2003/Dec W1
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9:Business & Industry
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      20:Dialog Global Reporter 1997-2003/Dec 17
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      95:TEME-Technology & Management 1989-2003/Nov W5
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File 610: Business Wire 1999-2003/Dec 17
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          (c) 2003 PR Newswire Association Inc
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         (c) 2003 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2003/Dec 16
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File 810:Business Wire 1986-1999/Feb 28
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File 148:Gale Group Trade & Industry DB 1976-2003/Dec 16
         (c) 2003 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
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File 636:Gale Group Newsletter DB(TM) 1987-2003/Dec 17
         (c) 2003 The Gale Group
      88:Gale Group Business A.R.T.S. 1976-2003/Dec 15
         (c) 2003 The Gale Group
File 647:CMP Computer Fulltext 1988-2003/Dec W2
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File 696:DIALOG Telecom. Newsletters 1995-2003/Dec 16
         (c) 2003 The Dialog Corp.
File 369: New Scientist 1994-2003/Dec W1
         (c) 2003 Reed Business Information Ltd.
File 484:Periodical Abs Plustext 1986-2003/Dec W1
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File 370:Science 1996-1999/Jul W3
         (c) 1999 AAAS
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S8
                S7(S)(S4 OR S5)
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S11	321	S1 (5N) S3
S12	23	S11(S)(S4 OR S5)
S13	22	S12 NOT S10
S14	15	RD (unique items)
S15	0	S6(S)S1
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File 344: Chinese Patents Abs g 1985-2003/Nov (c) 2003 European Patent Office File 347: JAPIO Oct 1976-2003/Aug (Updated 031202) (c) 2003 JPO & JAPIO File 350: Derwent WPIX 1963-2003/UD, UM &UP=200381 (c) 2003 Thomson Derwent File 348:EUROPEAN PATENTS 1978-2003/Nov W05 (c) 2003 European Patent Office File 349:PCT FULLTEXT 1979-2002/UB=20031211,UT=20031204 (c) 2003 WIPO/Univentio ?ds Set Items Description S1 510 AU='SAEKI' S2 S1 AND AUTHORIZATION? 0 S3 S1 AND PAYMENT? 1 71 S4 AU='SAEKI TOMOYA':AU='SAEKI TOMOYASU' S5 S4 AND (PAYMENT? OR AUTHORIZATION?) 1